


**Features:**

- 120 x 90 infrared resolution (10,800 pixels)
- 5 hours battery life
- Continuous touchscreen IR-Fusion™, slide your finger across the screen to adjust the setting
- 3.5" LCD touchscreen display for easy troubleshooting
- Automatically sort images with Fluke Connect Asset Tagging
- Can withstand drop up to 2 meter
- Water and dust resistant - IP54 enclosure rating
- IR-Fusion™ - combines visible and infrared images for faster inspections and better reporting.
- With a single touch, you can scan from full infrared to full visible images to pinpoint the location of an issue.

**Specifications:**

Key Specifications	
Infrared Resolution	120 x 90 (10,800 pixels)
IFOV (Spatial Resolution)	7.6 mRad, D:S 130:1
Field of View	50 x 38°
Minimum Focus Distance	20" (50 cm)
Focus System	Fixed focus
Data Transfer	Mini USB used to transfer image to PC
Wireless Connectivity	Yes, (802.11 b/g/n (2.4 GHz))

*Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.*



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<b>Image Quality</b>	
Display	3.5" LCD touchscreen (landscape)
Display Resolution	320 x 240 LCD
Level and Span	Smooth auto and manual scaling
IR-Fusion Technology	AutoBlend continuous 0 to 100%. Adds the context of the visible details to your infrared image
Thermal Sensitivity (NETD)	60 mK
Frame Rate	9 Hz
<b>Data Storage and Image Capture</b>	
Memory	Internal 4GB memory
Image Capture, Review, Save Mechanism	One-handed image capture, review, and save capability
Image File Formats	Non-radiometric (jpeg), or fully radiometric (.is2); no analysis software required for non-radiometric (jpeg) files
<b>Temperature Measurement</b>	
Temperature Measurement Range (Not Calibrated Below 0°C)	-4 to 302°F (-20 to 150°C)
Accuracy	Target temperature at or over 32°F: Accuracy: ±35.6°C or ±2% at 77°C, whichever is the greater Target temperature at or over 0°C: Accuracy: ±2°C or ±2% at 25°C, whichever is the greater
On-Screen Emissivity Correction	Yes, material table
On-Screen Reflected Background Temperature Compensation	Yes
Center-Point Temperature	Yes
Spot Temperature	Hot and cold spot markers
<b>General Specifications</b>	
Temperature	Operating: 14 to 122°F (-10 to 50°C) Storage: -40 to 158°F (-40 to 70°C)
Relative Humidity	95% non-condensing
Infrared Spectral Band	8 to 14 μm (long wave)
Safety	IEC 61010-1: Pollution Degree 2
Electromagnetic Compatibility	EN 61326-1, CISPR 11: Group 1, Class A
US FCC	CFR, Part 15C
Vibration and Shock	10 to 150 Hz, 0.15 mm, IEC 60068-2-6; 30 g, 11 ms, IEC 60068-2-27

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Drop	Engineered to withstand 6.56' (2 m) drop
Battery	Type: Lithium ion smart battery pack with five-segment LED display to show charge level Life: ≥5 hours continuous (without WiFi) Charging time: 2.5 hours to full charge AC operation: AC operation with included power supply (100 to 240 V AC, 50/60 Hz) Power saving: Automatic shutdown: 5, 10, 15 and 20 minutes or never
Enclosure Rating	IP54 (protected against dust, limited ingress; protection against water spray from all directions)

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